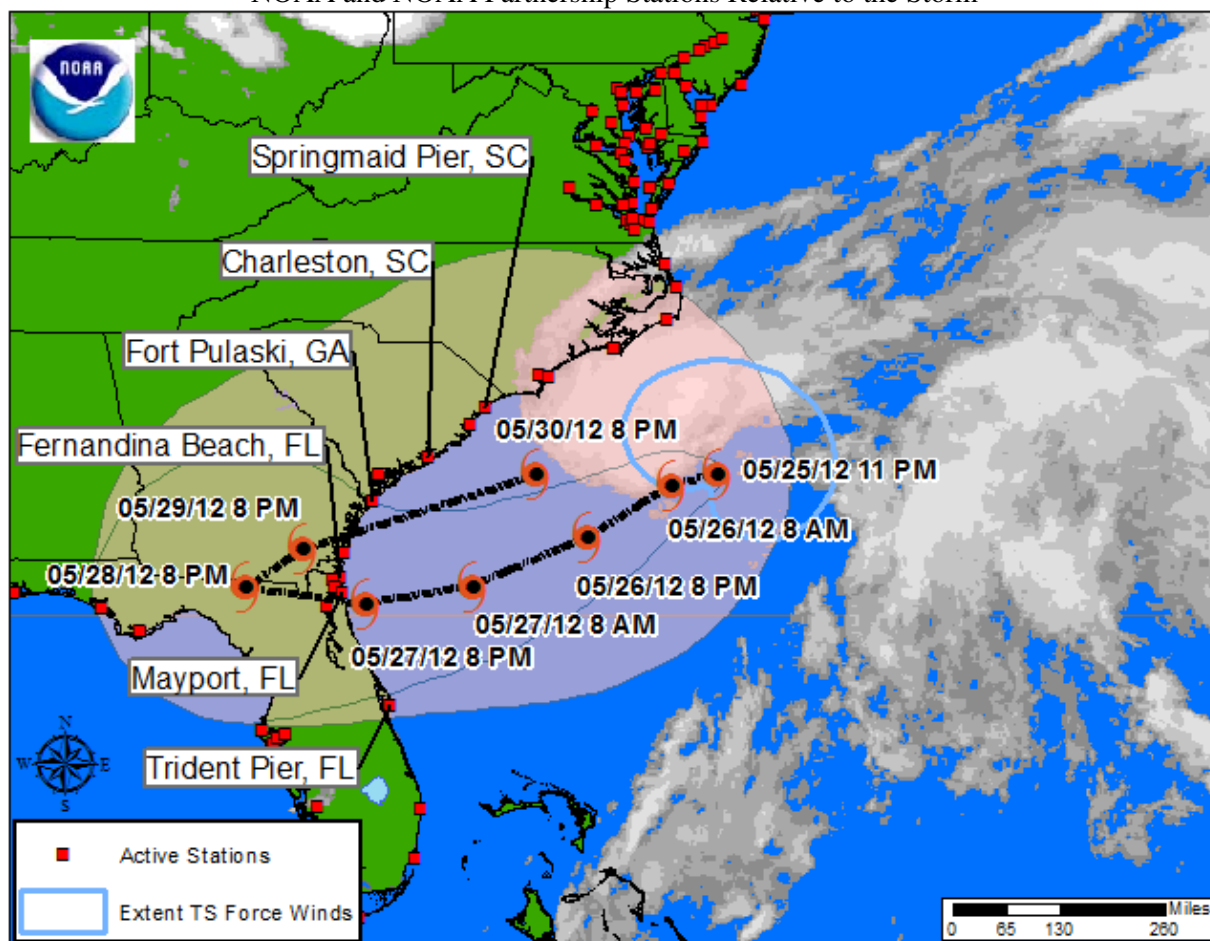


Subtropical Storm BERYL QuickLook
Posted: 00:00 EDT 05/26/2012

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 05/26/2012 00:00 EDT, water levels from South Carolina to central Florida are at or near predicted levels. Winds are light and steady, with gusts less than 5 knots. Barometric pressure is stable across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Springmaid Pier, SC: Next predicted high tides are 4.3 ft (1.31 m) at 05/26/2012 12:02 EDT and 5.1 ft (1.57 m) at 05/27/2012 00:06 EDT.

Charleston, SC: Next predicted high tides are 4.6 ft (1.39 m) at 05/26/2012 12:17 EDT and 5.5 ft (1.68 m) at 05/27/2012 00:25 EDT.

Subtropical Storm BERYL QuickLook, POSTED 00:00 EDT 05/26/2012

Fort Pulaski, GA: Next predicted high tides are 6.1 ft (1.85 m) at 05/26/2012 12:32 EDT and 7.0 ft (2.17 m) at 05/27/2012 00:46 EDT.

Fernandina Beach, FL: Next predicted high tides are 6.2 ft (1.88 m) at 05/26/2012 00:48 EDT and 5.3 ft (1.65 m) at 05/26/2012 13:17 EDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 4.7 ft (1.44 m) at 05/26/2012 00:31 EDT and 4.1 ft (1.27 m) at 05/26/2012 13:01 EDT.

Trident Pier, FL: Next predicted high tides are 2.8 ft (0.85 m) at 05/26/2012 12:15 EDT and 3.5 ft (1.09 m) at 05/27/2012 00:33 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:CMF

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

SUBTROPICAL STORM BERYL ADVISORY NUMBER 1
1100 PM EDT FRI MAY 25 2012

...SUBTROPICAL STORM FORMS IN THE SOUTHEASTERN ATLANTIC...
...TROPICAL STORM WARNING ISSUED FOR A PORTION OF THE SOUTHEASTERN U.S. COAST...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

A TROPICAL STORM WARNING HAS BEEN ISSUED ALONG THE SOUTHEASTERN UNITED STATES COAST...FROM THE VOLUSIA/BREVARD COUNTY LINE IN NORTHEAST FLORIDA NORTHWARD TO EDISTO BEACH SOUTH CAROLINA

A TROPICAL STORM WATCH HAS BEEN ISSUED FROM NORTH OF EDISTO BEACH SOUTH TO SOUTH SANTEE RIVER SOUTH CAROLINA

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* VOLUSIA/BREVARD COUNTY LINE FLORIDA TO EDISTO BEACH SOUTH CAROLINA

A TROPICAL STORM WATCH IS IN EFFECT FOR...

* EDISTO BEACH SOUTH TO SOUTH SANTEE RIVER SOUTH CAROLINA

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE

WITHIN THE WATCH AREA...GENERALLY WITHIN 48 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 PM EDT THE CENTER OF SUBTROPICAL STORM BERYL WAS LOCATED ABOUT 305 MI E OF CHARLESTON SOUTH CAROLINA. THE STORM IS MOVING TOWARD THE NORTH NEAR 9 MPH BUT BERYL SHOULD BEGIN TO SLOW DOWN OVERNIGHT. A TURN TOWARD THE WEST-SOUTHWEST OR SOUTHWEST IS EXPECTED ON SATURDAY WITH A GRADUAL INCREASE IN FORWARD SPEED. ON THE FORECAST TRACK...THE CENTER OF BERYL SHOULD BE NEAR OR OVER THE SOUTHEASTERN COAST OF THE UNITED STATES IN THE WARNING AREA ON SUNDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH WITH HIGHER GUSTS. SLIGHT STRENGTHENING IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 140 MILES FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1001 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED ALONG THE COAST IN THE WARNING AREA FROM NORTHEAST FLORIDA TO SOUTH CAROLINA ON SUNDAY. TROPICAL STORM CONDITIONS ARE POSSIBLE ALONG THE CENTRAL SOUTH CAROLINA COAST LATE SATURDAY OR SUNDAY.

STORM SURGE...HIGHER THAN NORMAL TIDE LEVELS WILL OCCUR ALONG THE SOUTHEASTERN COAST OF THE UNITED STATES IN AREAS OF ONSHORE FLOW THROUGHOUT THE WEEKEND. THESE TIDES MAY CAUSE COASTAL FLOODING. PLEASE SEE PRODUCTS FROM NATIONAL WEATHER SERVICE LOCAL FORECAST OFFICES FOR ADDITIONAL INFORMATION.

RAINFALL...BERYL IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES ALONG THE SOUTHEASTERN COAST OF THE UNITED STATES FROM NORTHEASTERN FLORIDA THROUGH SOUTHEASTERN NORTH CAROLINA.

SURF...DANGEROUS SURF CONDITIONS ARE POSSIBLE ALONG THE NORTHEAST FLORIDA...GEORGIA...AND SOUTH CAROLINA COASTS OVER THE MEMORIAL DAY WEEKEND. PLEASE SEE STATEMENTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE FOR INFORMATION SPECIFIC TO YOUR AREA.

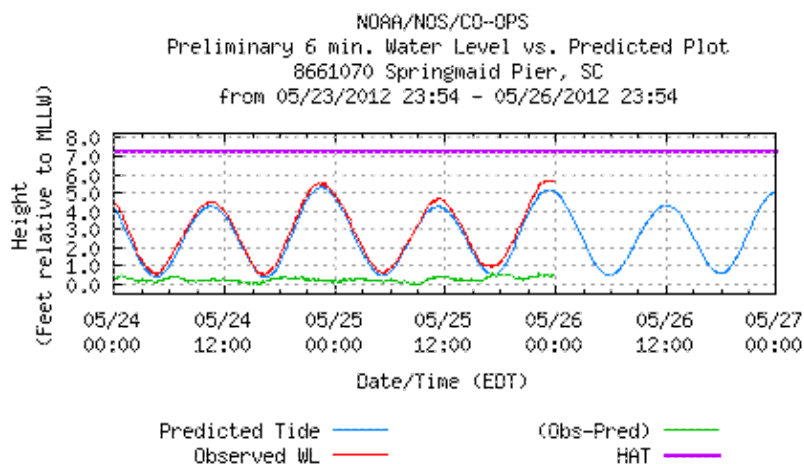
FORECASTER KIMBERLAIN

Subtropical Storm BERYL QuickLook, POSTED 00:00 EDT 05/26/2012

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#),

[Springmaid Pier, SC - Return to List](#)

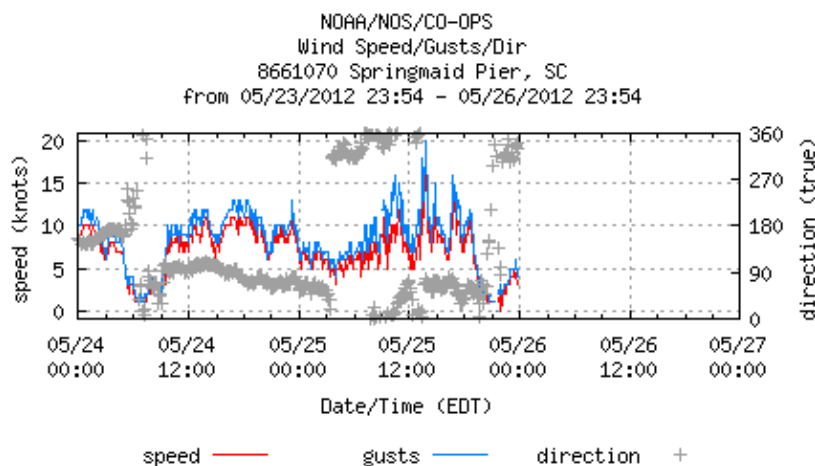


Last Observed Sample: 05/25/2012 23:48 (EDT)

Relative to MLLW: **Observed: 5.61 ft.** **Predicted: 5.09 ft.** **Residual: 0.52 ft.**

Historical Maximum Water Level: Jan 1 1987, 3.65 ft. above MHHW

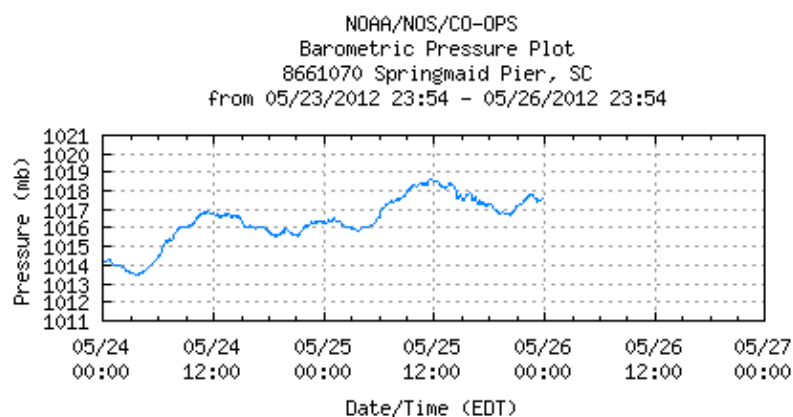
[Springmaid Pier, SC - Return to List](#)



Last Observed Sample: 05/25/2012 23:48 (EDT)

Wind Speed: 3 knots **Gusts: 5 knots** **Direction: 343° T**

Springmaid Pier, SC - Return to List

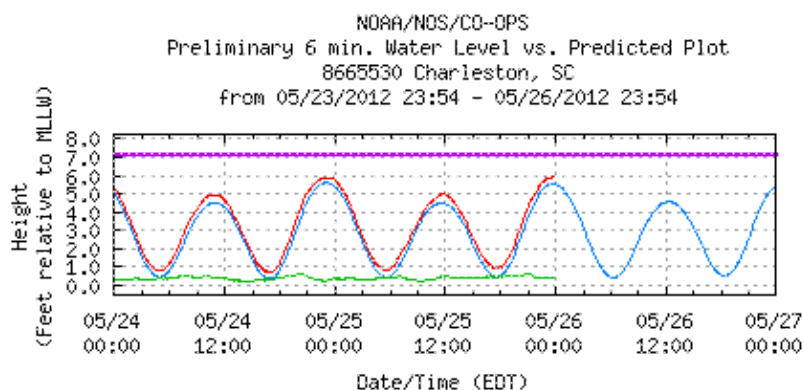


barometric pressure —

Last Observed Sample: 05/25/2012 23:48 (EDT)

Barometric Pressure: 1017.6 mb

Charleston, SC - Return to List



Predicted Tide —

(Obs-Pred) —

Observed WL —

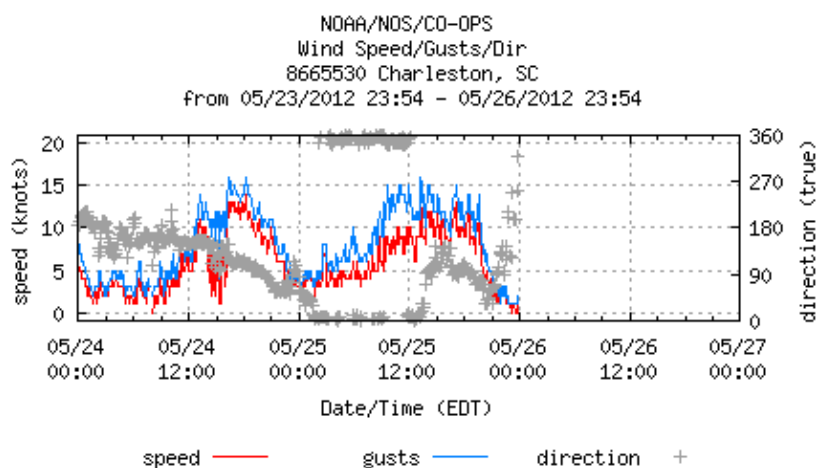
HAT —

Last Observed Sample: 05/25/2012 23:48 (EDT)

Relative to MLLW: **Observed: 5.92 ft.** **Predicted: 5.54 ft.** **Residual: 0.38 ft.**

Historical Maximum Water Level: Sep 21 1989, 6.76 ft. above MHHW

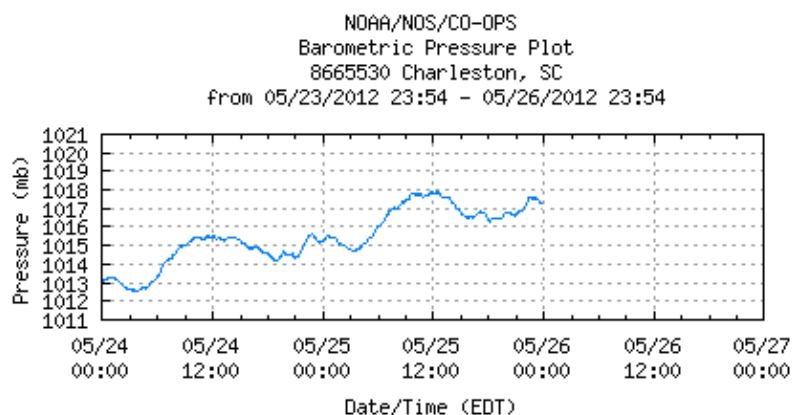
[Charleston, SC - Return to List](#)



Last Observed Sample: 05/25/2012 23:48 (EDT)

Wind Speed: 1 knots Gusts: 2 knots Direction: 321° T

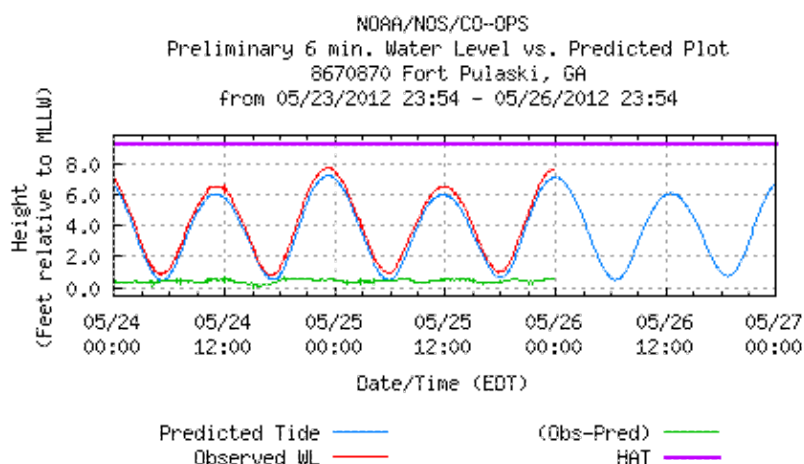
[Charleston, SC - Return to List](#)



Last Observed Sample: 05/25/2012 23:48 (EDT)

Barometric Pressure: 1017.3 mb

Fort Pulaski, GA - Return to List

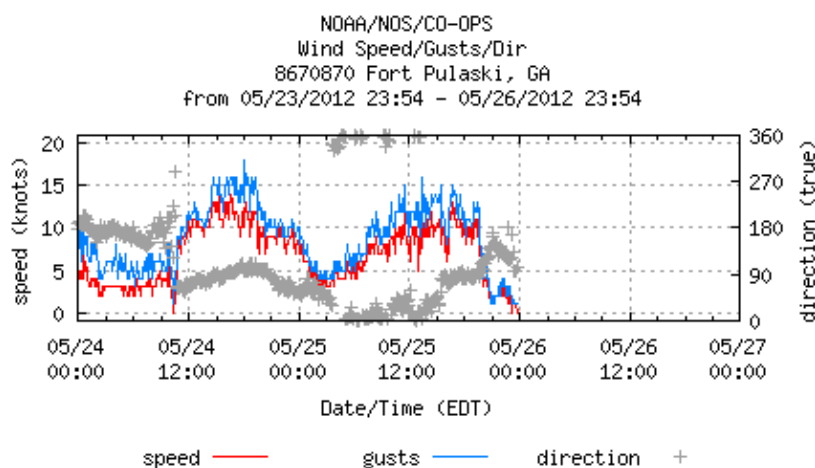


Last Observed Sample: 05/25/2012 23:42 (EDT)

Relative to MLLW: **Observed: 7.67 ft.** **Predicted: 7.09 ft.** **Residual: 0.58 ft.**

Historical Maximum Water Level: Oct 15 1947, 3.4 ft. above MHHW

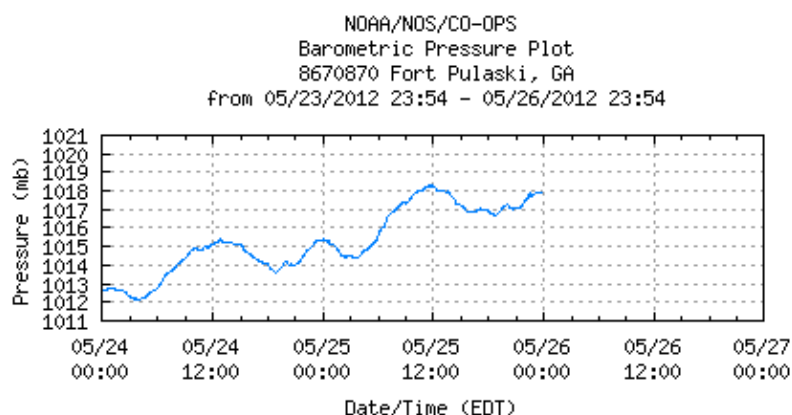
Fort Pulaski, GA - Return to List



Last Observed Sample: 05/25/2012 23:42 (EDT)

Wind Speed: 0 knots **Gusts: 1 knots** **Direction: 103° T**

Fort Pulaski, GA - Return to List

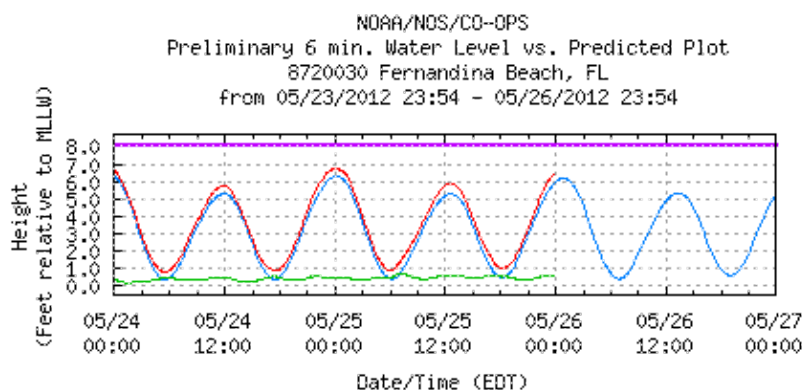


barometric pressure —

Last Observed Sample: 05/25/2012 23:42 (EDT)

Barometric Pressure: 1017.9 mb

Fernandina Beach, FL - Return to List



Predicted Tide —

(Obs-Pred) —

Observed WL —

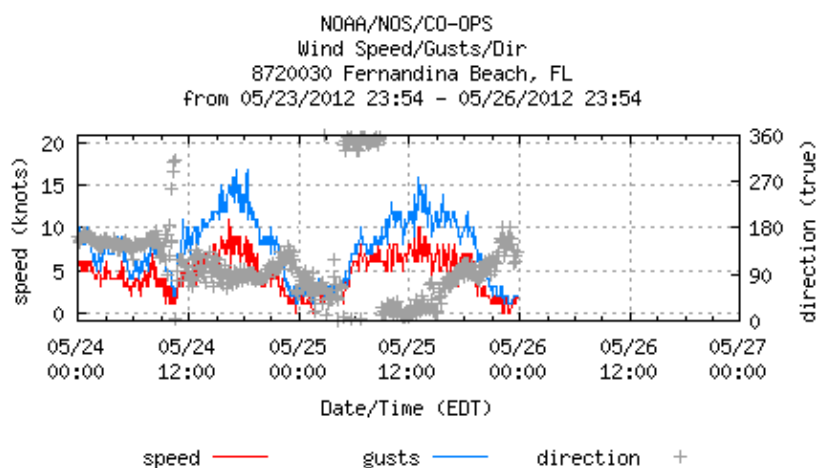
HAT —

Last Observed Sample: 05/25/2012 23:48 (EDT)

Relative to MLLW: **Observed: 6.40 ft.** **Predicted: 5.88 ft.** **Residual: 0.52 ft.**

Historical Maximum Water Level: Oct 2 1898, 6.94 ft. above MHHW

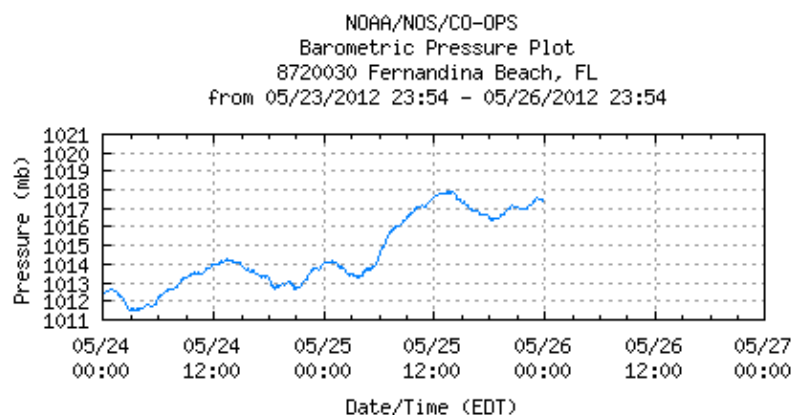
[Fernandina Beach, FL - Return to List](#)



Last Observed Sample: 05/25/2012 23:48 (EDT)

Wind Speed: 2 knots Gusts: 2 knots Direction: 134° T

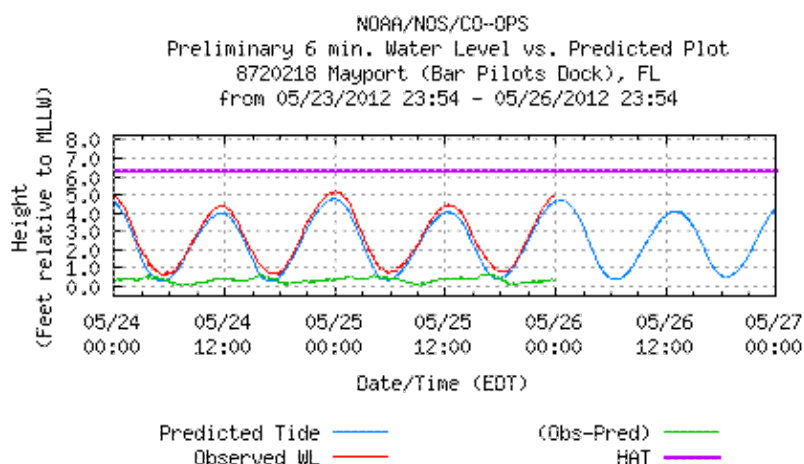
[Fernandina Beach, FL - Return to List](#)



Last Observed Sample: 05/25/2012 23:48 (EDT)

Barometric Pressure: 1017.4 mb

Mayport (Bar Pilots Dock), FL - Return to List

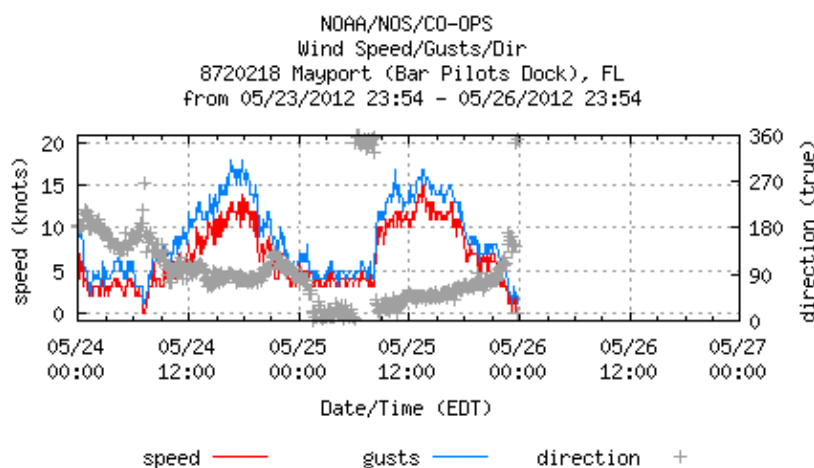


Last Observed Sample: 05/25/2012 23:42 (EDT)

Relative to MLLW: **Observed: 4.92 ft.** **Predicted: 4.58 ft.** **Residual: 0.34 ft.**

Historical Maximum Water Level: Sep 27 2004, 2.47 ft. above MHHW

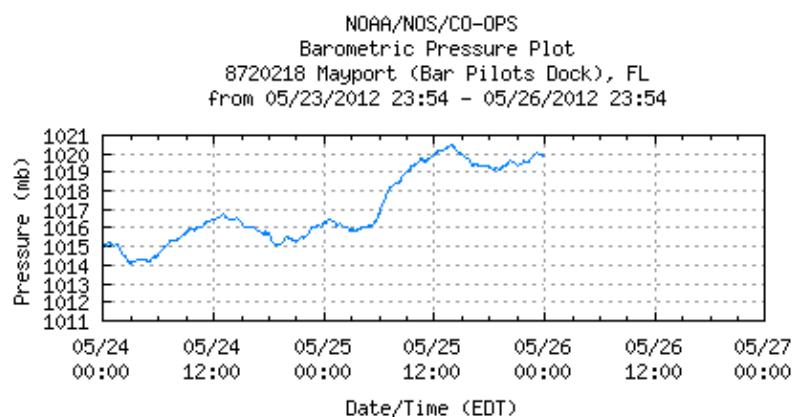
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 05/25/2012 23:48 (EDT)

Wind Speed: 1 knots **Gusts: 1 knots** **Direction: 16° T**

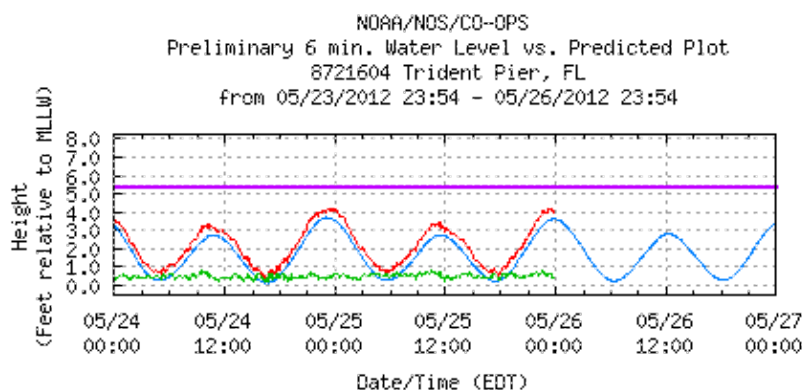
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 05/25/2012 23:48 (EDT)

Barometric Pressure: 1019.9 mb

Trident Pier, FL - Return to List

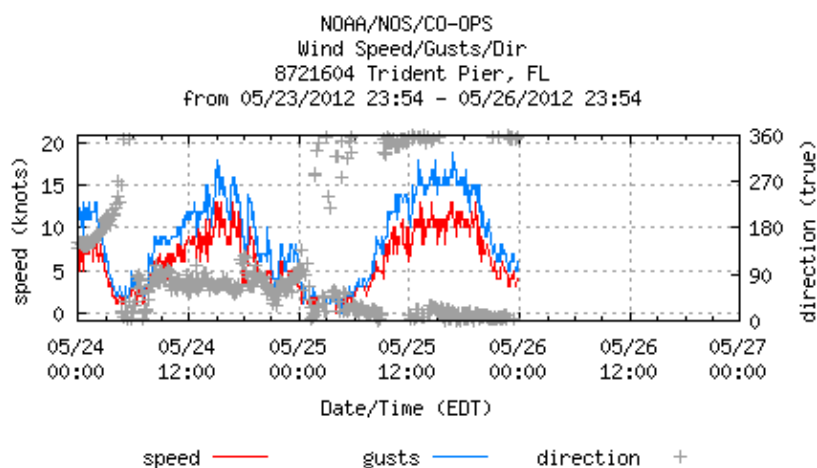


Last Observed Sample: 05/25/2012 23:48 (EDT)

Relative to MLLW: **Observed: 4.03 ft.** **Predicted: 3.62 ft.** **Residual: 0.41 ft.**

Historical Maximum Water Level: Sep 26 2004, 4.01 ft. above MHHW

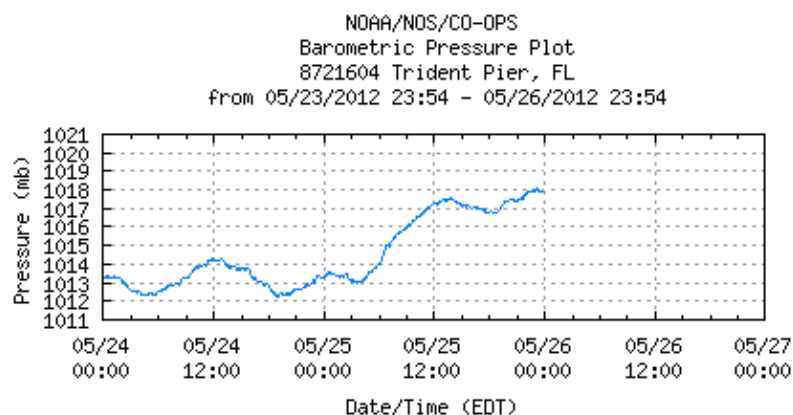
Trident Pier, FL - Return to List



Last Observed Sample: 05/25/2012 23:48 (EDT)

Wind Speed: 4 knots Gusts: 5 knots Direction: 357° T

Trident Pier, FL - Return to List



Last Observed Sample: 05/25/2012 23:48 (EDT)

Barometric Pressure: 1017.9 mb

Subtropical Storm BERYL QuickLook, POSTED 00:00 EDT 05/26/2012

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce